

16152 U.S. PTO  
021704

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.10	
I hereby certify that this transmittal and the documents referred to as attached therein are being deposited on February 17, 2004 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335477814US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.	
Date 2/17/2004	Signature Robert D. Edwards

REQUEST FOR FILING A PATENT APPLICATION  
UNDER 37 CFR 1.53(b)

This is a request for filing the following continuing application for a prior

application:

- ☒ Continuation
- ☐ Divisional
- ☐ Continuation-in-part
- ☐ attached is an amendment for added subject matter
- ☐ Continuing application to permit consideration of an information disclosure statement under 37 CFR 1.97

PARTICULARS OF PRIOR APPLICATION

Application Serial No.: 09/617,522

Confirmation No.: 5494

Filed: July 14, 2000

Title: REACTIVE PRECLEAN PRIOR TO METALLIZATION FOR SUB-QUARTER MICRON APPLICATION

Name(s) of applicant(s) (as originally filed and as last amended) and the current correspondence address and country of citizenship for each:

1st inventor:

Name: Suchitra Subrahmanyam

Residence: 988 Alpine Terrace #4  
Sunnyvale, California 94086

Post Office Address: Same as above

22141 U.S. PTO  
10/780105  
021704

Country of Citizenship: India

2nd inventor:

Name: Liang-Yuh Chen  
Residence: 1400 Melbourne Street  
Foster City, California 94404  
Post Office Address: Same as above  
Country of Citizenship: Taiwan

3rd inventor:

Name: Roderick Craig Mosely  
Residence: 4337 Diavila Avenue  
Pleasanton, California 94588  
Post Office Address: Same as above.  
Country of Citizenship: U.S.A.

**INVENTORSHIP STATEMENT**

- (a) ☒ This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above, and the inventor(s) in this application are:
- ☒ the same
- ☐ less than those named in the prior application, and it is requested that the following inventor(s) for the prior application be deleted:
- (b) ☐ This application discloses and claims additional disclosure and a new declaration or oath is being filed. With respect to the prior application whose particulars are set out above, the inventor(s) in this application are:
- ☐ the same
- ☐ not the same, and are listed in the attached new declaration or oath filed herewith.
- (c) ☒ The inventorship for all the claims in this application is:
- ☒ the same
- ☐ not the same; and an explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.

**DECLARATION OR OATH**

- ☒ Continuation or Divisional (copy of original Declaration/Oath is attached)
- ☐ Continuation-in-part
- ☐ Attached, and executed by:
- ☐ inventor(s)
- ☐ legal representative of inventor(s) (37 CFR 1.42 or 1.43)
- ☐ joint inventor or person showing a proprietary interest for inventor who refused to sign or cannot be reached (37 CFR 1.47)
- ☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached.
- ☐ Not attached
- ☐ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all of the above-named applicant(s).
- ☐ Attached is a showing that the filing is authorized.

**IDENTIFICATION OF CLAIMS FOR FURTHER PROSECUTION**

- ☒ The fees to be charged are to be based on the number of claims remaining as a result of the:
- ☐ attached preliminary amendment
- ☐ cancellation of claim(s)
- ☒ claims in the application

**FEE CALCULATION (37 CFR 1.16)**

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	ENTITY FEE
Basic Fee				\$770.00
Total Claims	20	- 20 = 0	X \$ =	\$ .00
Independent Claims	3	- 3 = 0	X \$ =	\$ .00
First Presentation of Multiple Dependent Claims + \$.				-0-
Total Filing Fee Calculation				\$770.00

**PETITION FOR SUSPENSION OF PROSECUTION FOR THE TIME NECESSARY TO FILE  
AN AMENDMENT**

- ☐ There is provided herewith a Petition for Suspension of Prosecution for the Time Necessary to File an Amendment (37 CFR 1.103) – New Application Filed Concurrently

**FEE PAYMENT BEING MADE AT THIS TIME**

- ☒ No filing fee is submitted
- ☐ Filing Fee \$ .00
- ☐ Recording Assignment [37 CFR 1.21(h)] \$ 40.00
- ☐ Petition fee for filing by other than all the inventors or person not the inventor where inventor refused to sign or cannot be reached [37 CFR 1.47 and 1.17(h)] \$130.00
- ☐ Processing and retention fee [37 CFR 1.53(d) and 1.21(l)] \$130.00
- ☐ Please charge Deposit Account No. in the amount of: \$0.00  
(A duplicate copy of this request is enclosed)

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

- ☐ The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of this application, to **Deposit Account No.**
- ☐ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☐ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)
- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☐ 37 CFR 1.17 (application processing fees)
- ☐ 37 CFR 1.18 [issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)]

**INSTRUCTIONS AS TO OVERPAYMENT**

- ☐ Credit Deposit Account No.

**PRIORITY 35 USC 119**

- ☐ Priority of application Serial No. filed on in is claimed under 35 USC 119.
- ☐ The certified copy has been filed on in prior U.S. Application Serial No. , which prior application was filed on .
- ☐ Certified copy will follow.

**RELATE BACK 35 USC 120**

- ☐ Amend the specification by inserting before the first line the sentence:
- “This is a
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part
- of copending application(s)
- ☐ Serial No.            filed on            .”
- ☐ International Application            filed on            and which designated
- the U.S.”

**ASSIGNMENT**

- ☒ The prior application is assigned of record to: Applied Materials, Inc..
- ☐ An assignment of the invention to            is attached.
- ☐ Form PTO 1595 (Recordation Form Cover Sheet) is also attached (in **duplicat** ).

**POWER OF ATTORNEY**

- ☐ The power of attorney in the prior application is to:

Michael L. Sherrard	Registration No. 28,041
Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Leslie A. Weise	Registration No. 36,305
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
B. Todd Patterson	Registration No. 37,906
Jeffrey L. Streets	Registration No. 37,453

Send correspondence to:

Direct telephone calls to:

MOSER, PATTERSON & SHERIDAN, L.L.P.  
L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056

MOSER, PATTERSON & SHERIDAN,  
(713) 623-4844

- ☒ The power appears in the original papers in the prior application.

- ☐ The power does not appear in the original papers, but was filed on .
- ☐ A new power has been executed and is attached.
- ☒ Address all future communications to:

MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056

Direct telephone calls to:

MOSER, PATTERSON & SHERIDAN, L.L.P.  
(713) 623-4844

#### MAINTENANCE OF COPENDENCY OF PRIOR APPLICATION

- ☐ A petition, fee and response has been filed to extend the term in the pending prior application until . **(copy attached)**

#### CONDITIONAL PETITION FOR EXTENSION OF TIME IN PRIOR APPLICATION

- ☐ A conditional petition for extension of time is being filed in the pending prior application. **(copy attached)**


#### ABANDONMENT OF PRIOR APPLICATION

- ☐ Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application. At the same time, please add the words "now abandoned" to the amendment to the specification set forth in the "Relate Back-35 USC 120" section (page 5).

#### INFORMATION DISCLOSURE STATEMENT

- ☐ Submitted herewith is an Information Disclosure Statement.

Respectfully submitted,



Robb D. Edmonds  
Registration No. 46,681  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Applicant(s)